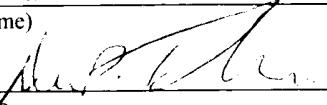


**CERTIFICATE OF MAILING (37 CFR 1.8a)**

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Dennis P. Tramaloni  
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(Signature)

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application

VAN ARSDELL ET AL.

Serial No. 08/914,332, filed July 14, 1997

Group: 1652  
Examiner: Lau, K.

For: OVERCOMING DAPA AMINOTRANSFERASE BOTTLENECKS  
IN BIOTIN VITAMERS BIOSYNTHESES

**POWER OF ATTORNEY TO ASSOCIATE ATTORNEY**

Nutley, New Jersey 07110  
November 16, 1998

Assistant Commissioner for Patents  
Washington, D.C. 20231

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